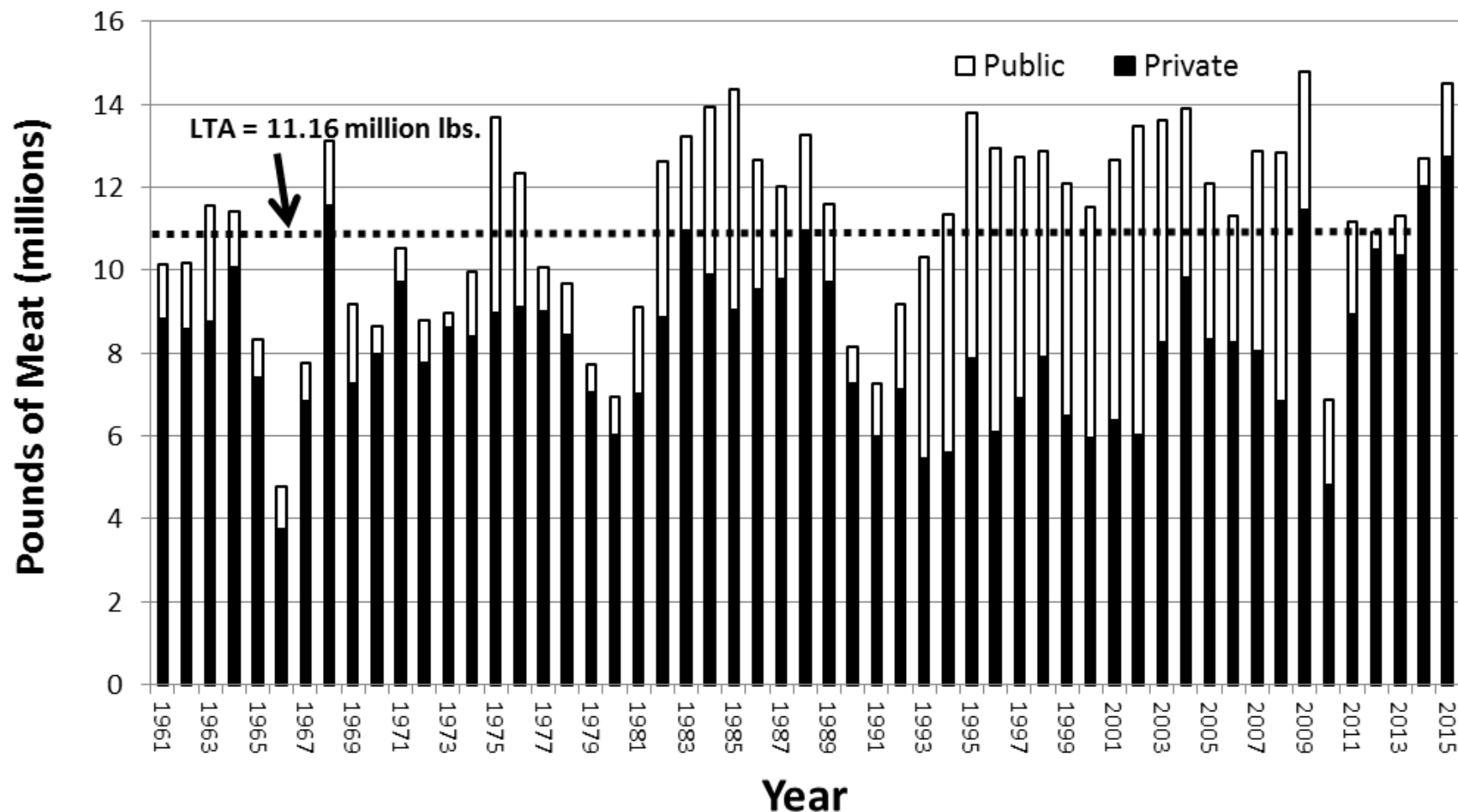




# **2016 Oyster Stock Assessment Public Oyster Areas of Louisiana**

**Louisiana Oyster Task Force  
New Orleans, La      August 23, 2016**

# Historical Louisiana Oyster Landings



PRELIMINARY DATA - SUBJECT TO CHANGE

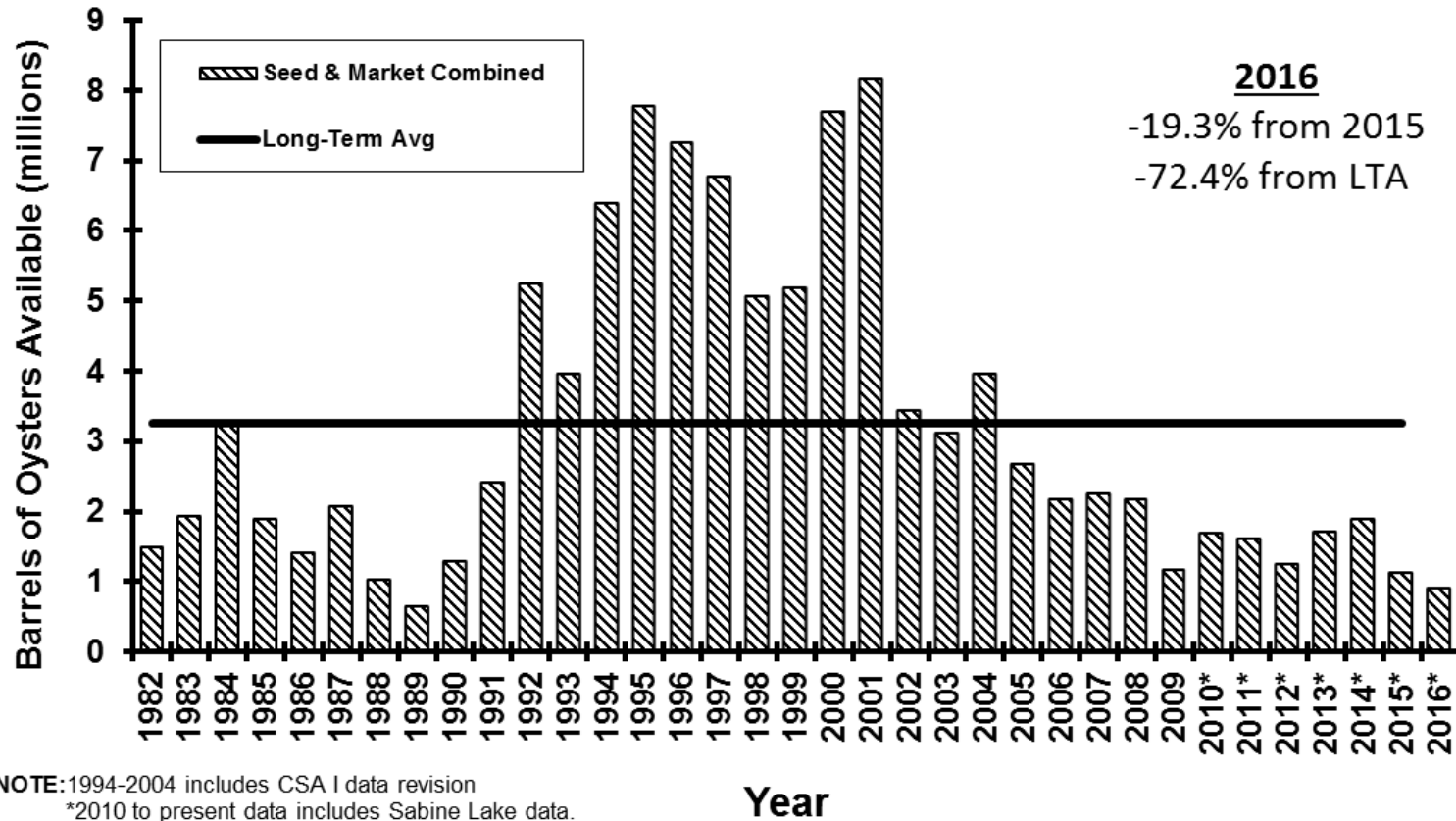
- Sampling performed in July 2016
- 112 sampling sites visited
- 560 total m<sup>2</sup> samples collected



## Louisiana Public Oyster Areas

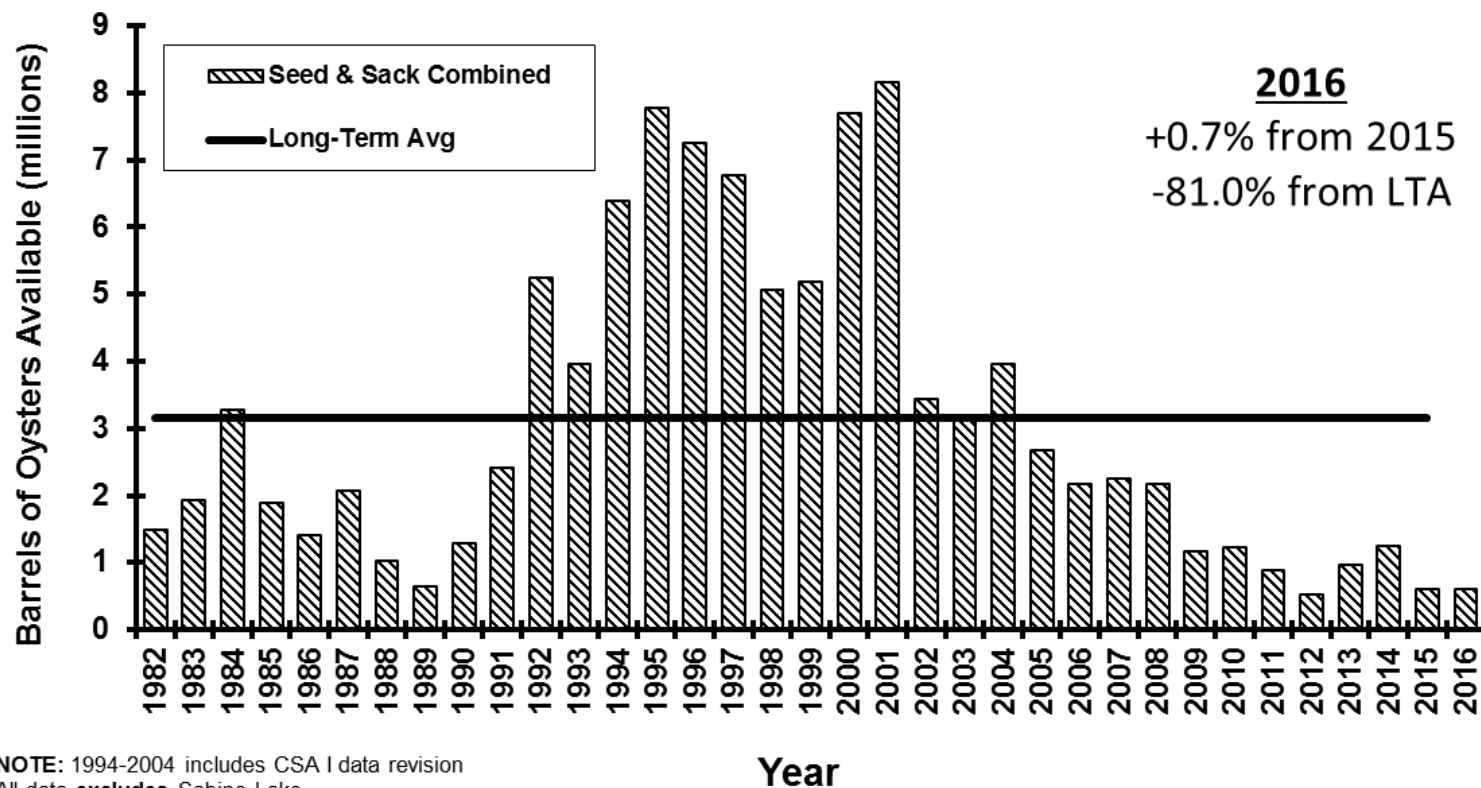
Louisiana Department of Wildlife and Fisheries

# STOCK ASSESSMENT RESULTS



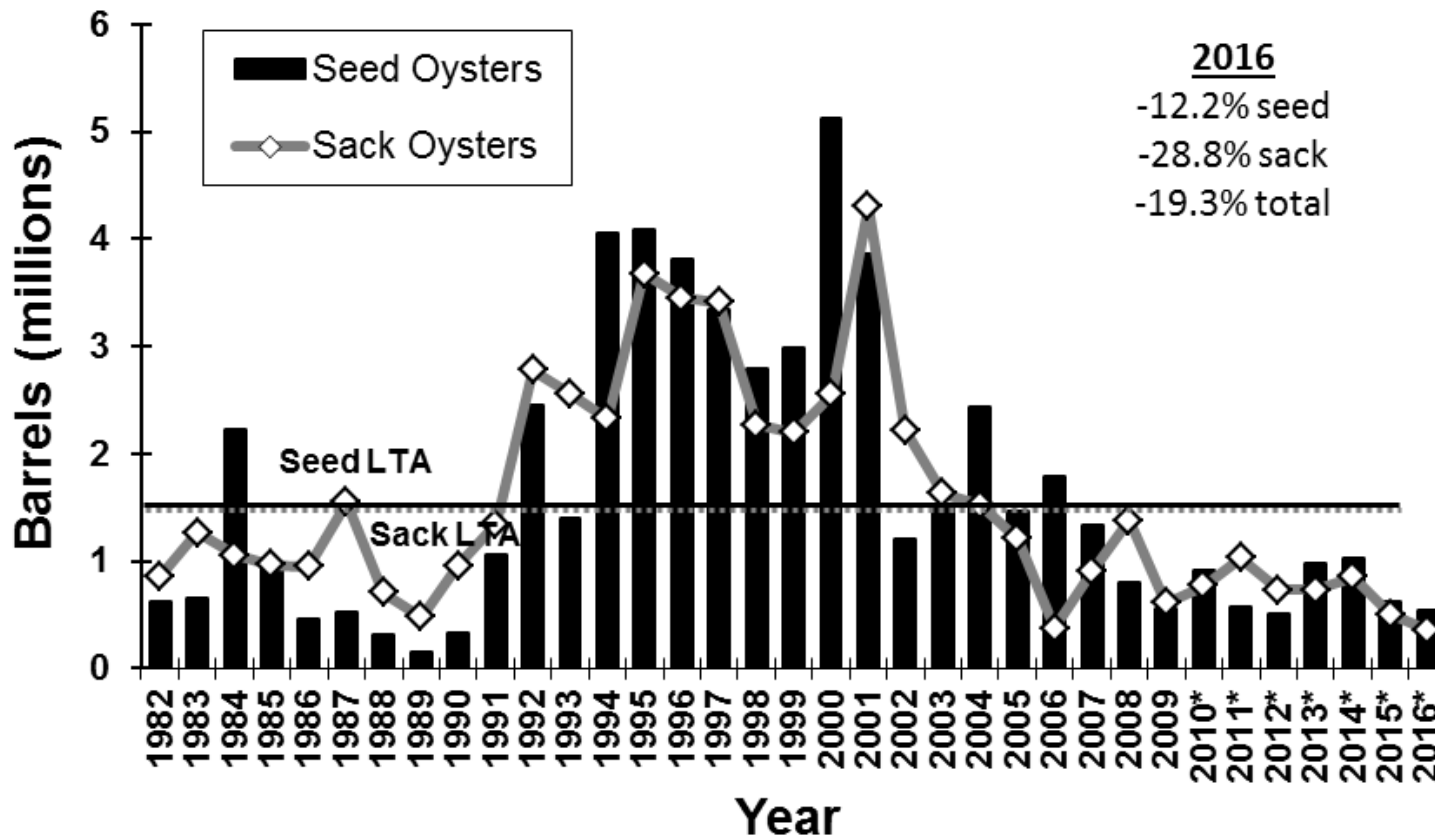
Preliminary data – subject to revision

# STOCK ASSESSMENT RESULTS: Excluding Sabine Lake



Preliminary data – subject to revision

# STOCK ASSESSMENT RESULTS

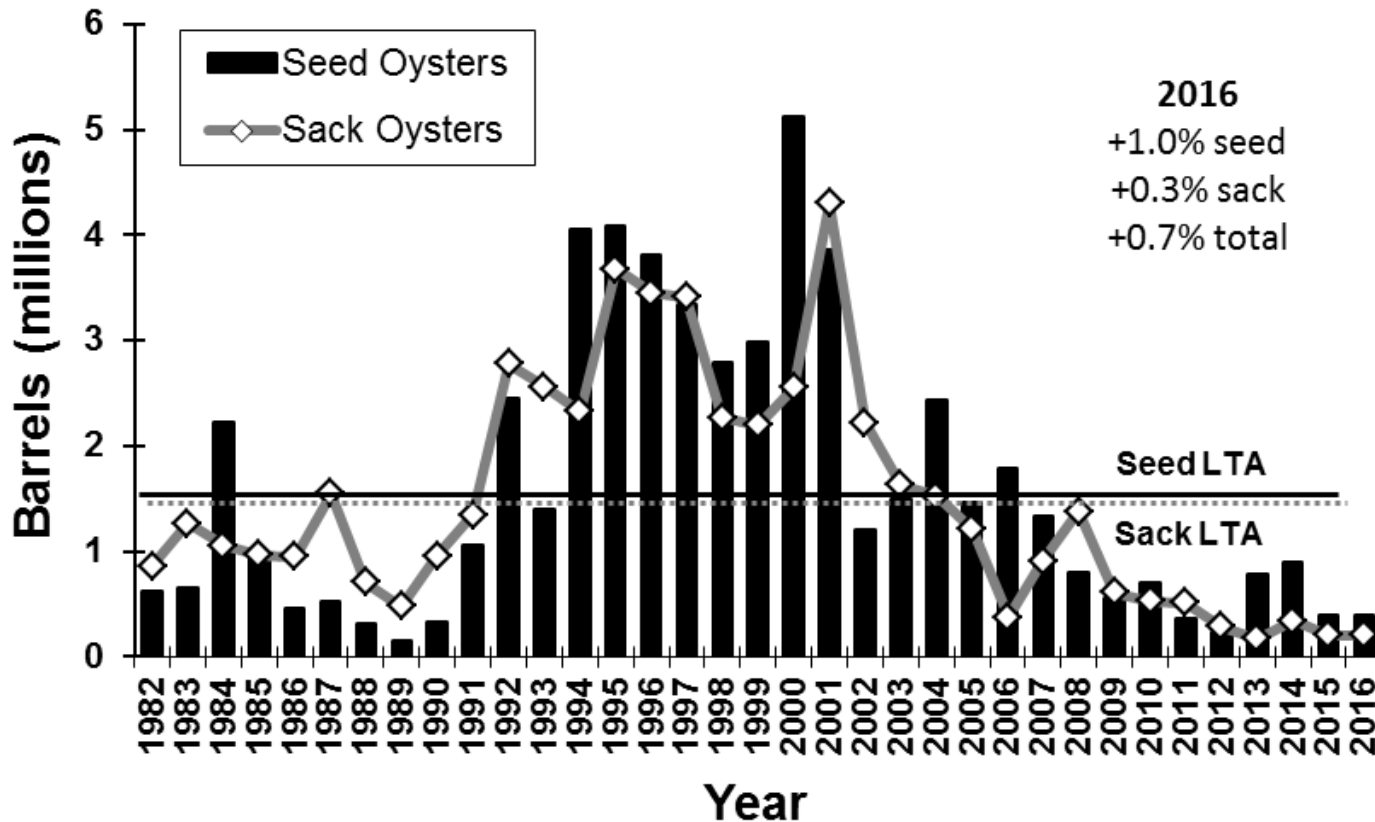


NOTE: 1994-2004 includes CSA I data revision  
 \* 2010 to present data includes Sabine Lake data.



Preliminary data – subject to revision

# STOCK ASSESSMENT RESULTS: Excluding Sabine Lake



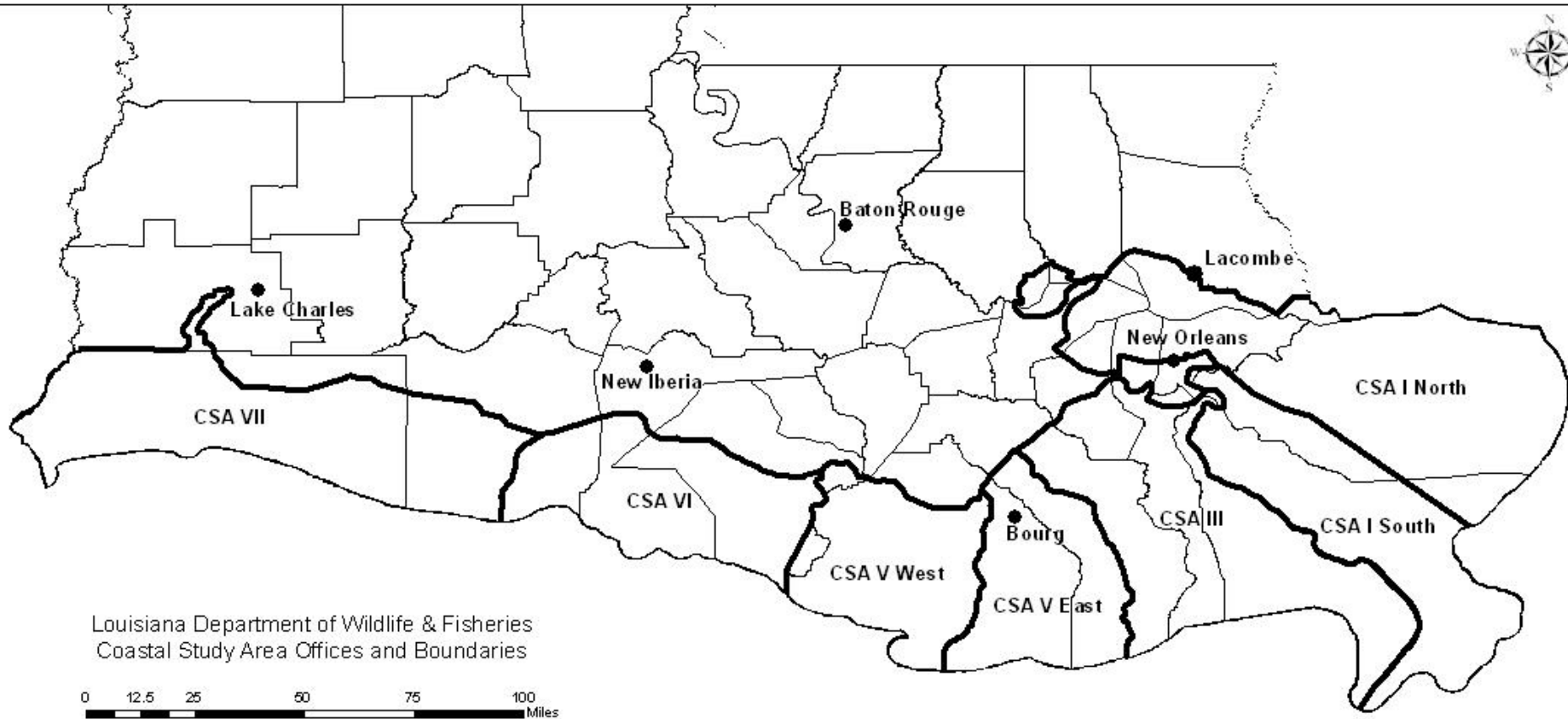
NOTE: 1994-2004 includes CSA I data revision. Excludes Sabine Lake

Preliminary data – subject to revision



LDWF Office of Fisheries – Marine Fisheries Section

# Coastal Study Areas (CSAs)



PRELIMINARY DATA - SUBJECT TO CHANGE



<u>CSA</u>	<u>Seed</u>	<u>Seed %</u>	<u>Sack</u>	<u>Sack %</u>	<u>Total</u>	<u>Total %</u>
1N	299,773	55.6%	144,853	40.1%	444,627	49.4%
1S	26,521	4.9%	10,085	2.8%	36,606	4.1%
3	12,365	2.3%	6,214	1.7%	18,579	2.1%
5E	741	0.1%	172	0.0%	913	0.1%
5W	13,943	2.6%	8,172	2.3%	22,116	2.5%
7	185,605	34.4%	191,354	53.0%	376,959	41.9%
Total	538,948	100.0%	360,851	100.0%	899,800	100.0%



**BOLD** indicates increases over 2015 levels; *Italicized* indicates decreases  
Availability in barrels (1 barrel = 2 sacks)

#### CSA Description

1N = Lake Borgne/MS Sound      1S = East of MS River, South of MRGO  
 3 = Hackberry Bay                5E = Lake Chien/Felicity  
 5W = Sister Lake/Bay Junop/Lake Mechant  
 7 = Calcasieu & Sabine Lakes

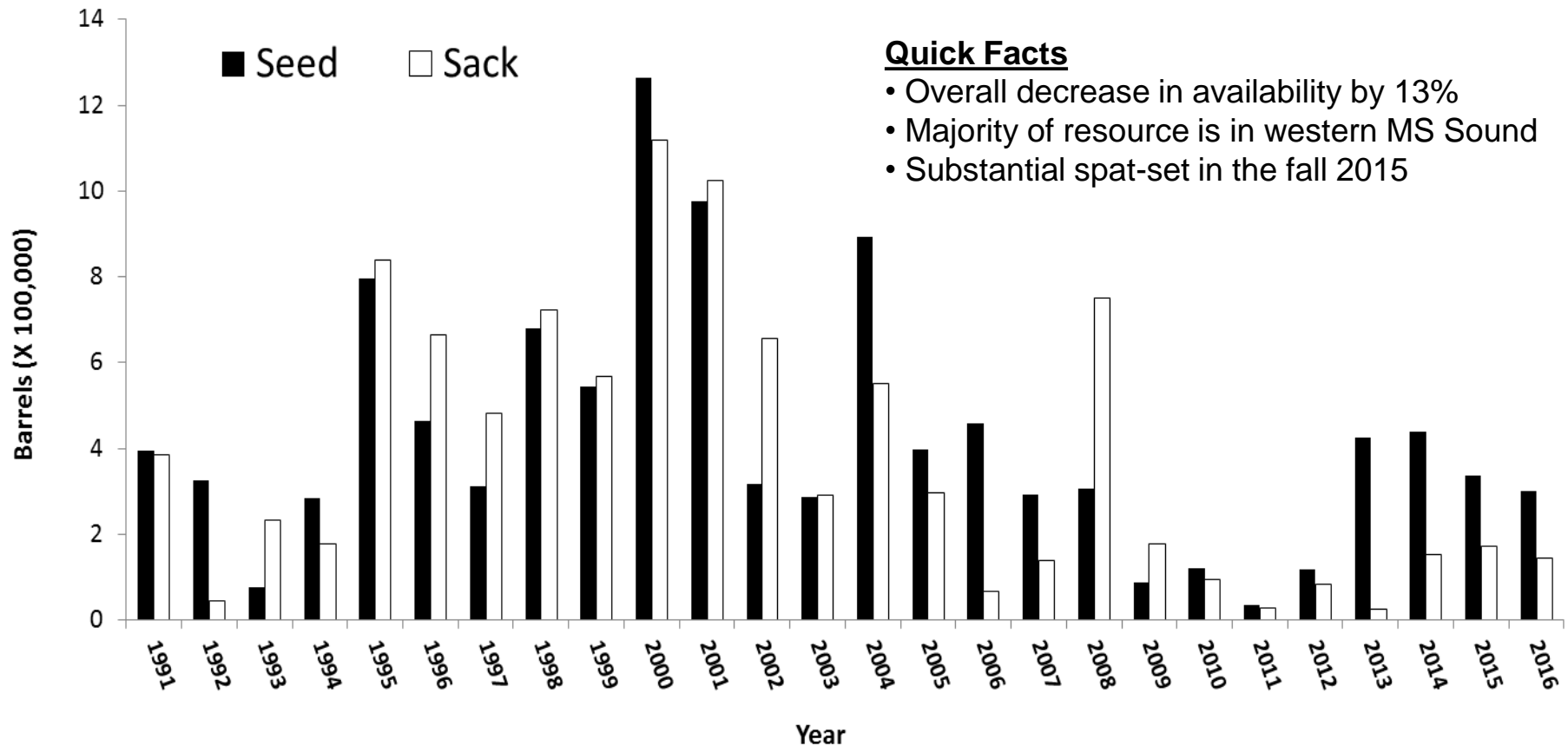
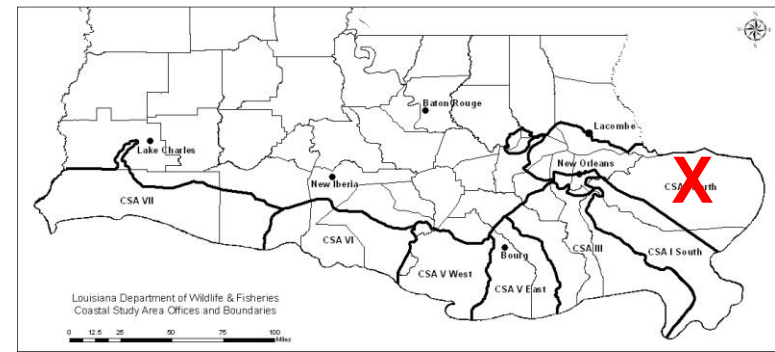
Preliminary data – subject to revision

# CSA 1 – North

(Lake Borgne/MS Sound area)

**2016**

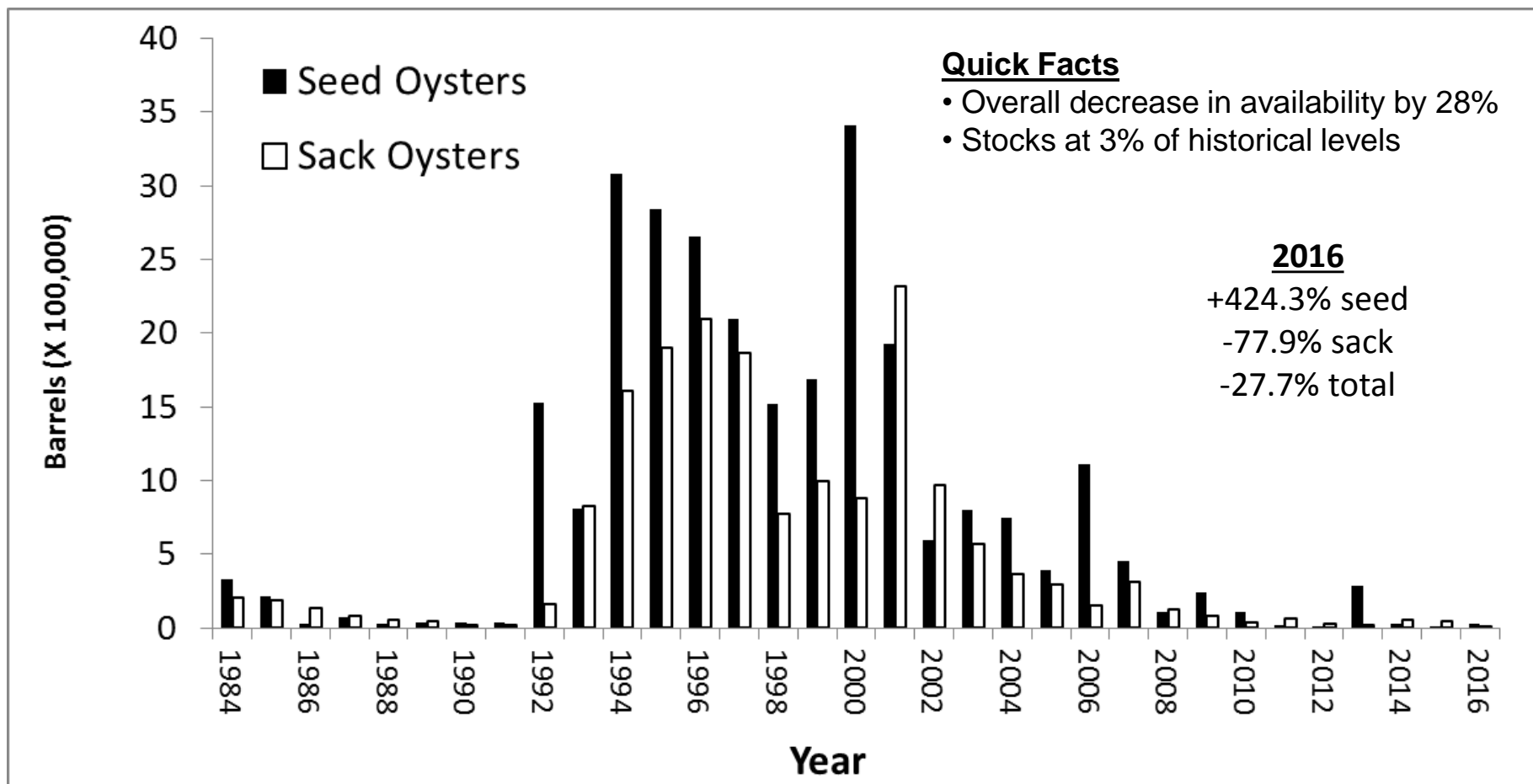
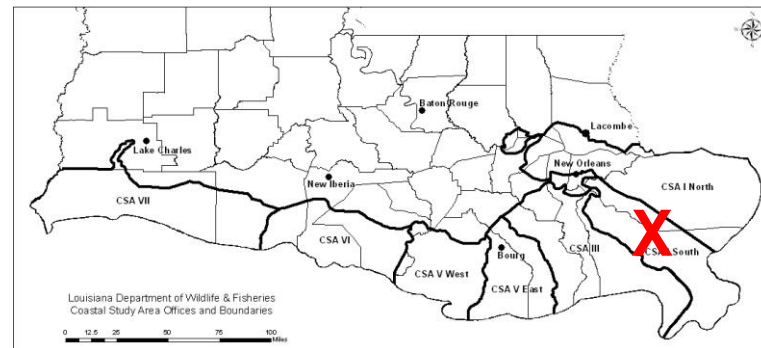
-11.0% seed  
-15.7% sack  
-12.6% total



PRELIMINARY DATA - SUBJECT TO CHANGE

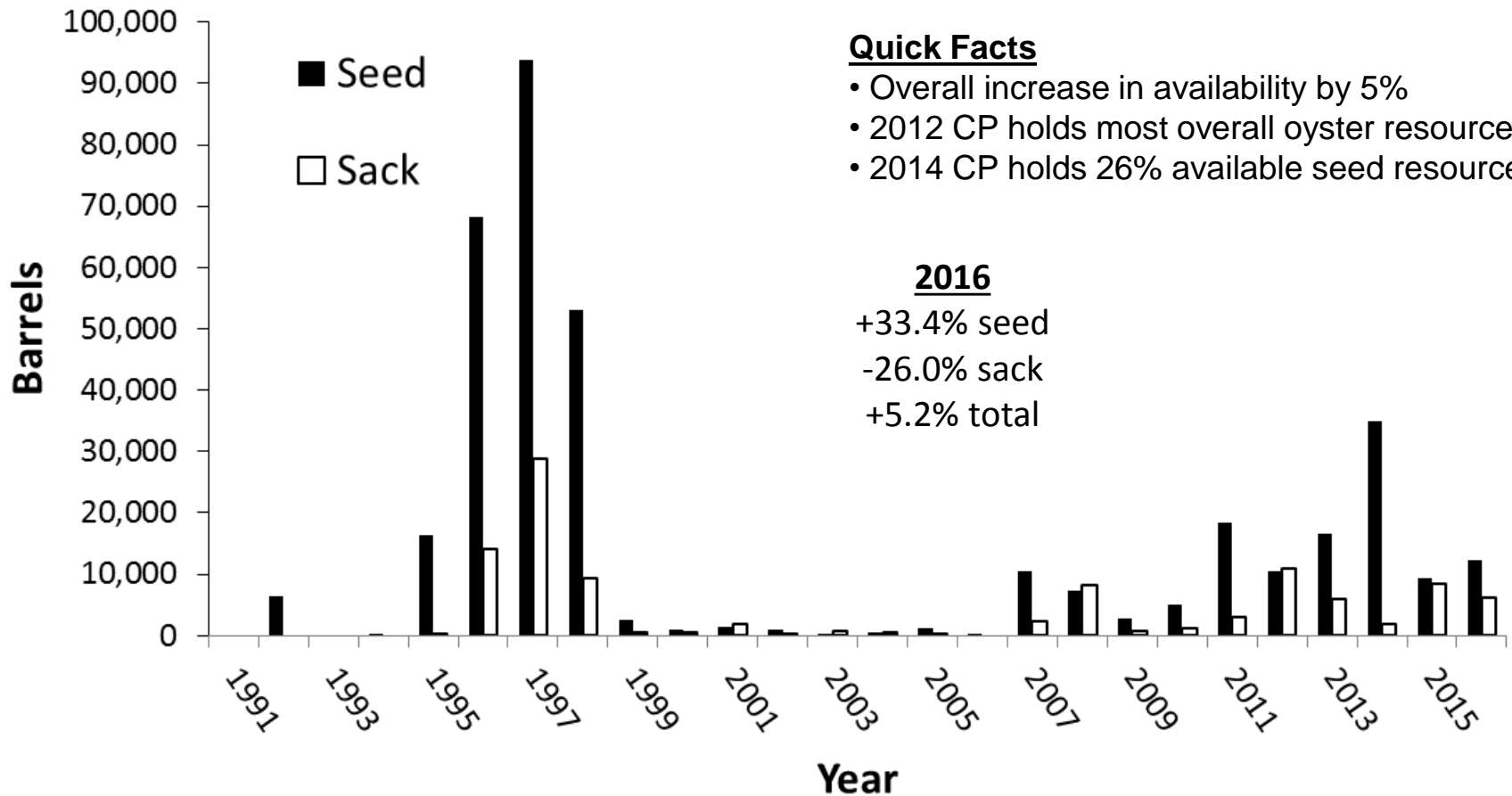
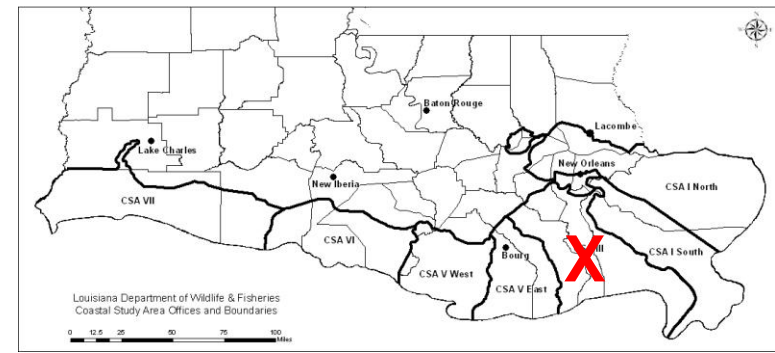
# CSA 1 – South

(Black Bay, Bay Gardene, Lake Fortuna, etc.)



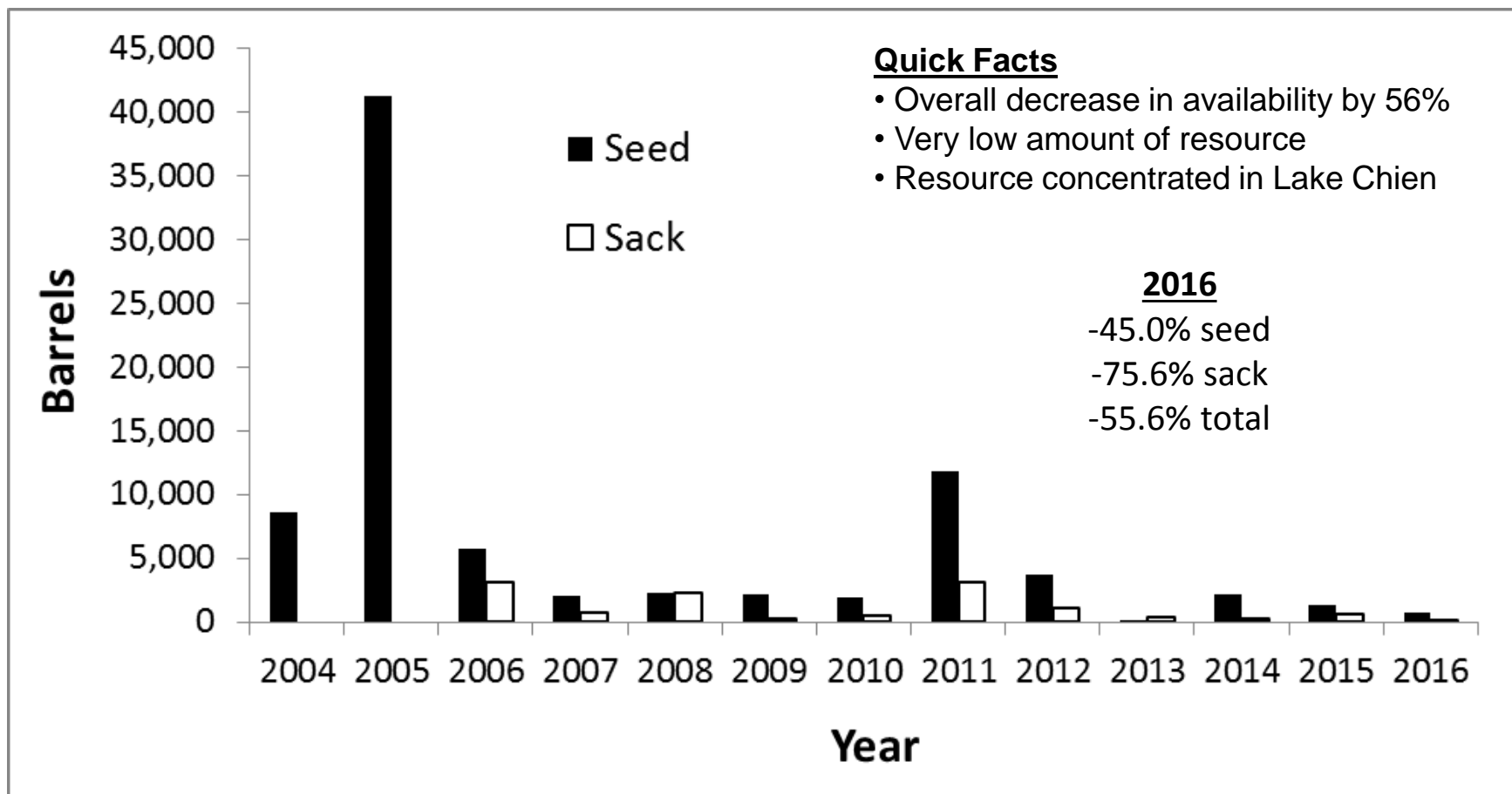
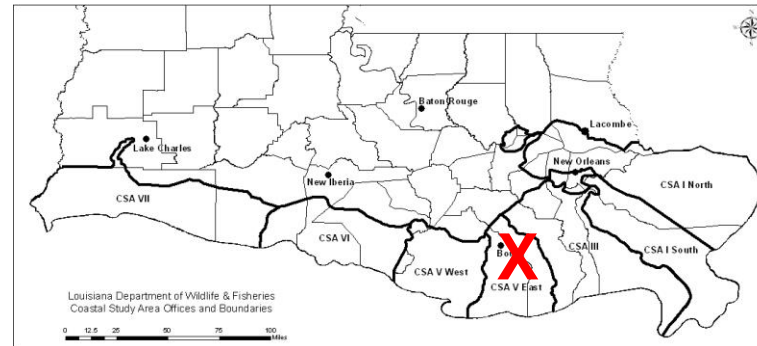
PRELIMINARY DATA - SUBJECT TO CHANGE

# CSA 3 (Hackberry Bay)



PRELIMINARY DATA - SUBJECT TO CHANGE

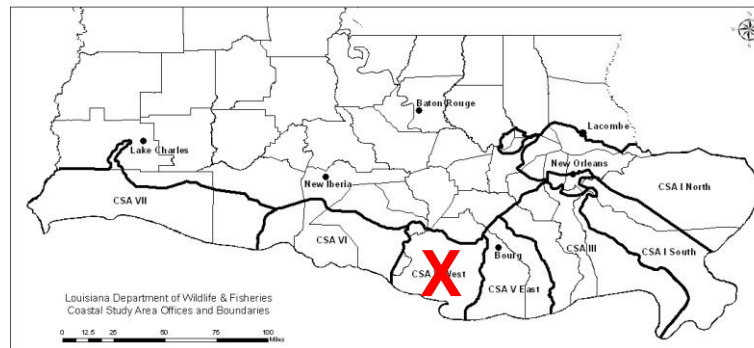
# CSA 5E (Lake Chien and Lake Felicity)



PRELIMINARY DATA - SUBJECT TO CHANGE

# CSA 5W

## (Sister Lake, Bay Junop, Lake Mechant)

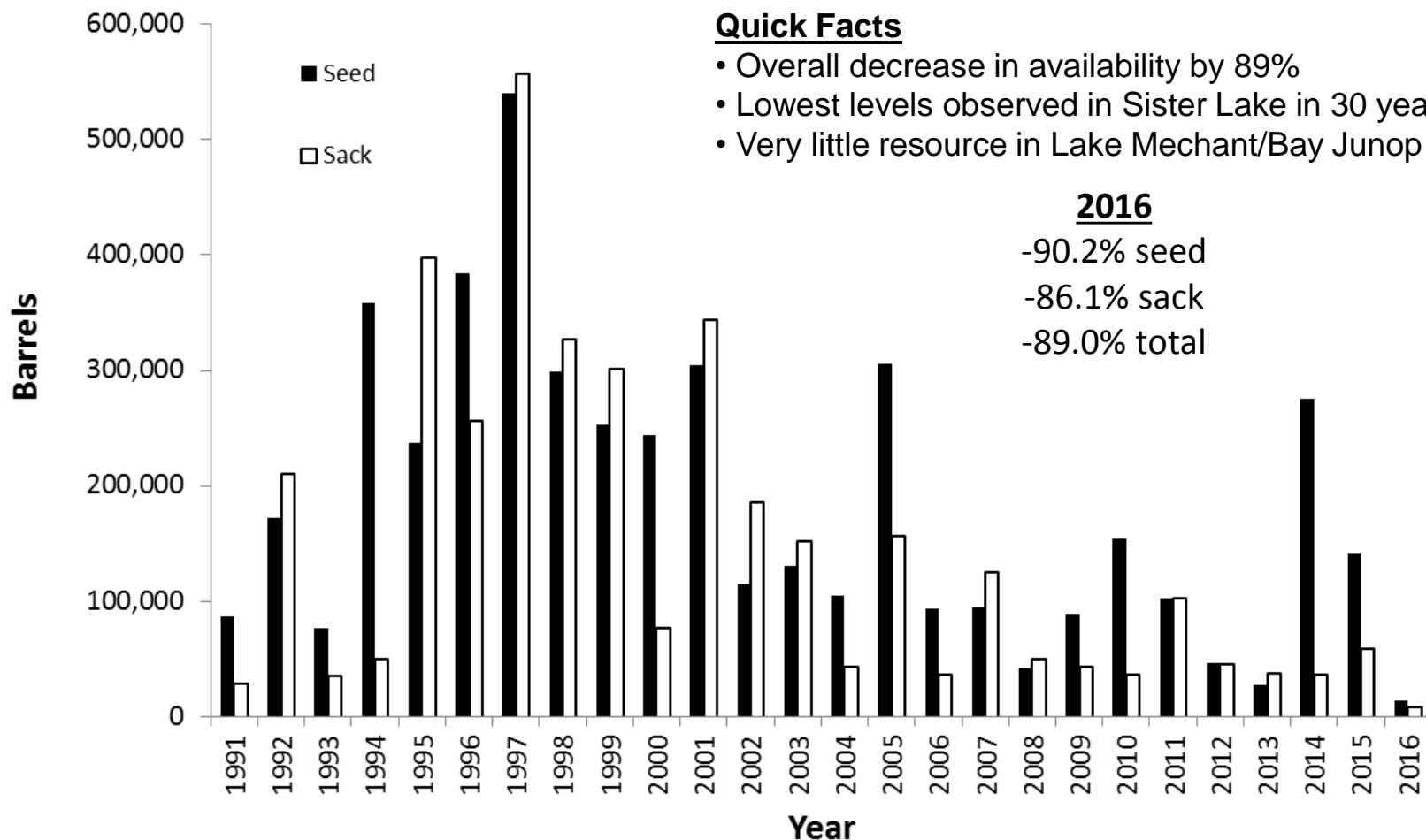


### Quick Facts

- Overall decrease in availability by 89%
- Lowest levels observed in Sister Lake in 30 years
- Very little resource in Lake Mechant/Bay Junop

### 2016

-90.2% seed  
-86.1% sack  
-89.0% total



PRELIMINARY DATA - SUBJECT TO CHANGE

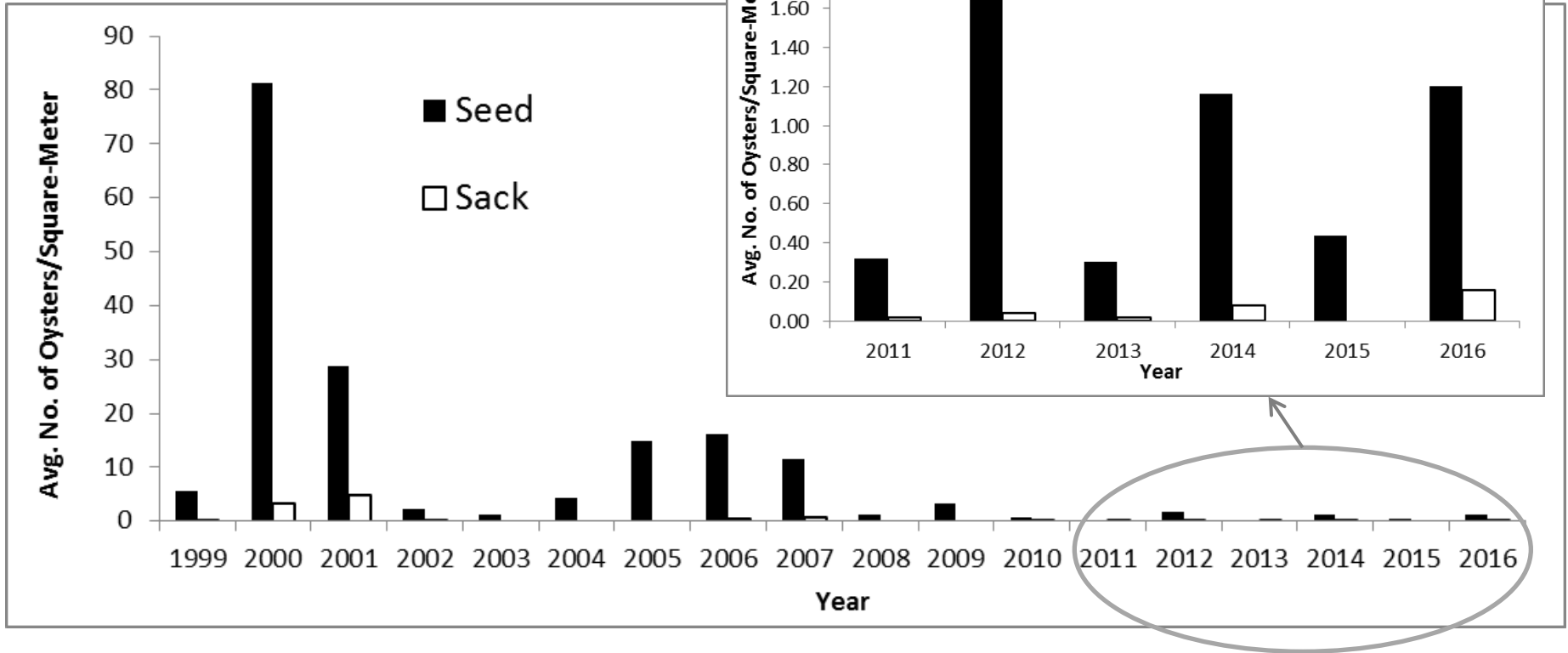
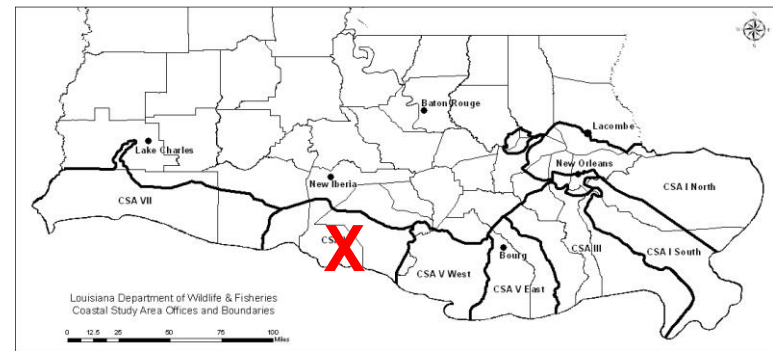
# CSA 6 (Vermilion Bay Area)

**2016**

+175.0% seed

>0 sack

+211.7% total



PRELIMINARY DATA - SUBJECT TO CHANGE

# CSA 7

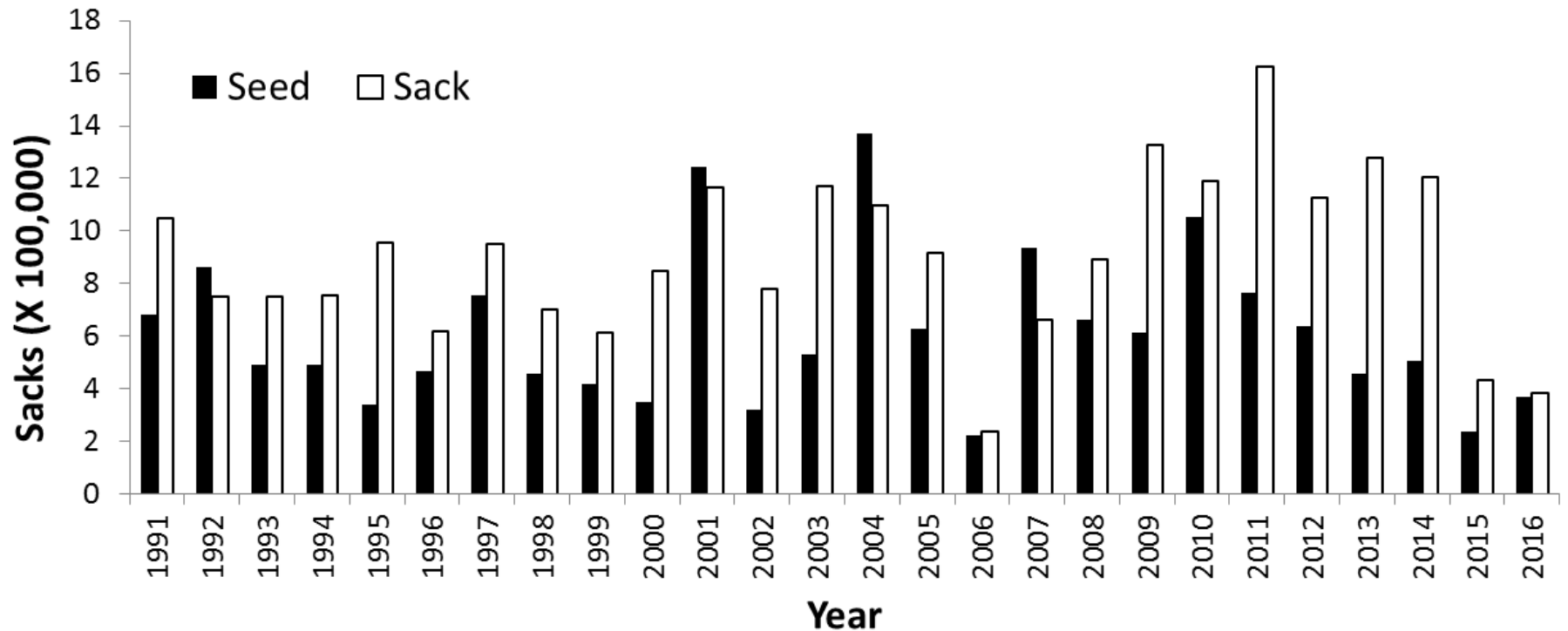
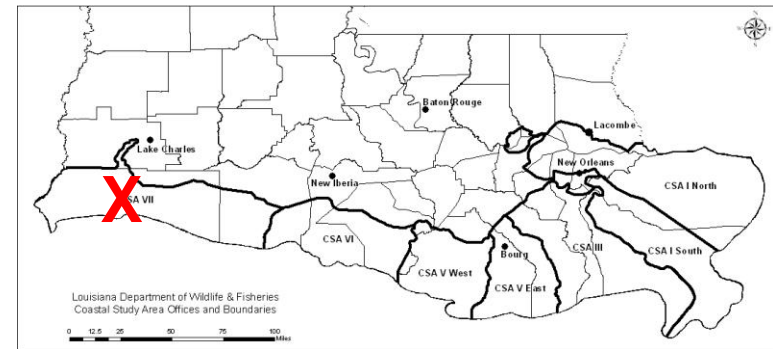
## (Calcasieu & Sabine Lakes)

**2016**

+55.1% seed  
-11.6% sack  
+12.1% total

### Quick Facts

- Overall increase of 12%
- Increase driven by Sabine seed
- Sabine still recovering from 2015 flood event
- Slow Recovery in Big Lake
- Decrease in West Cove despite decreased harvest



PRELIMINARY DATA - SUBJECT TO CHANGE

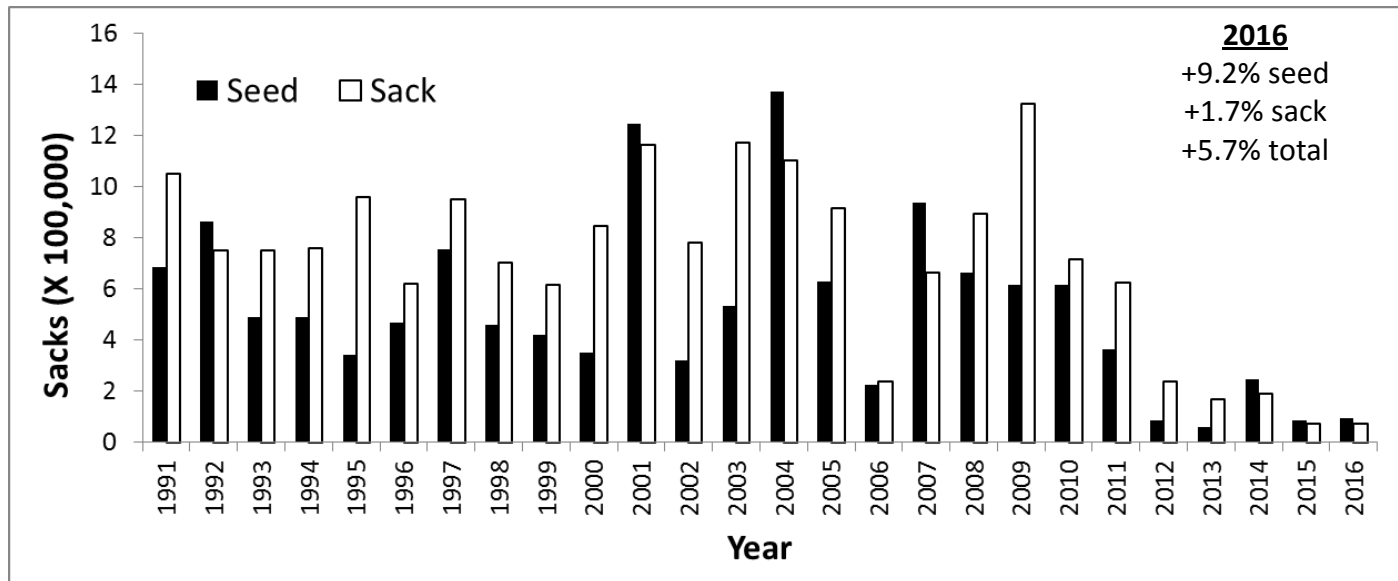
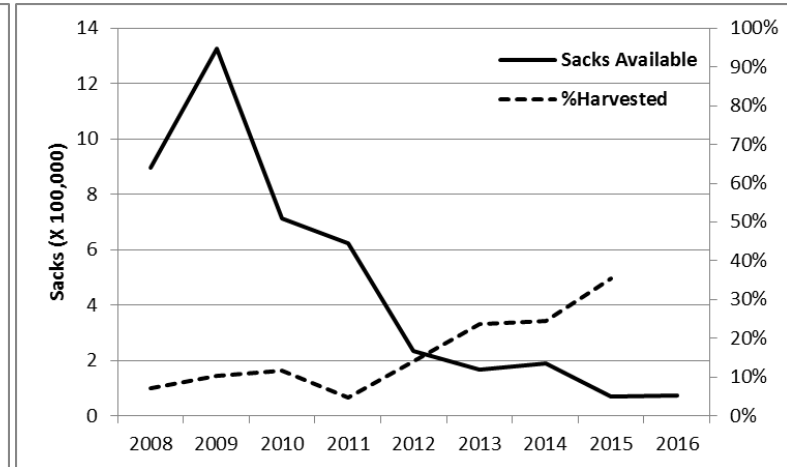
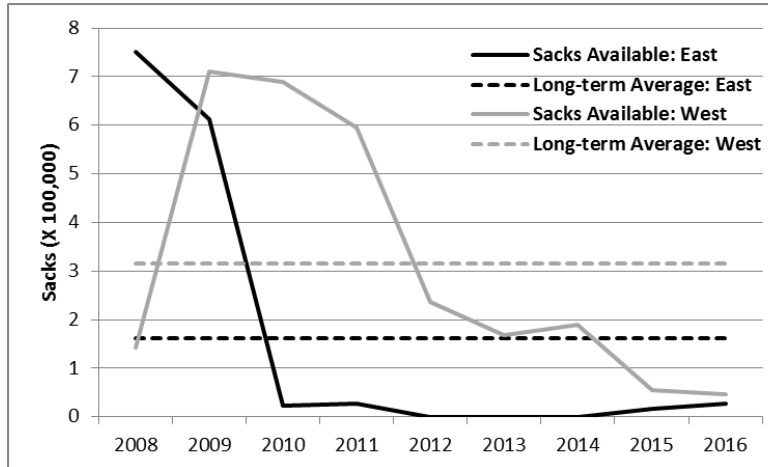


# CSA 7

## (Calcasieu Lake ONLY)

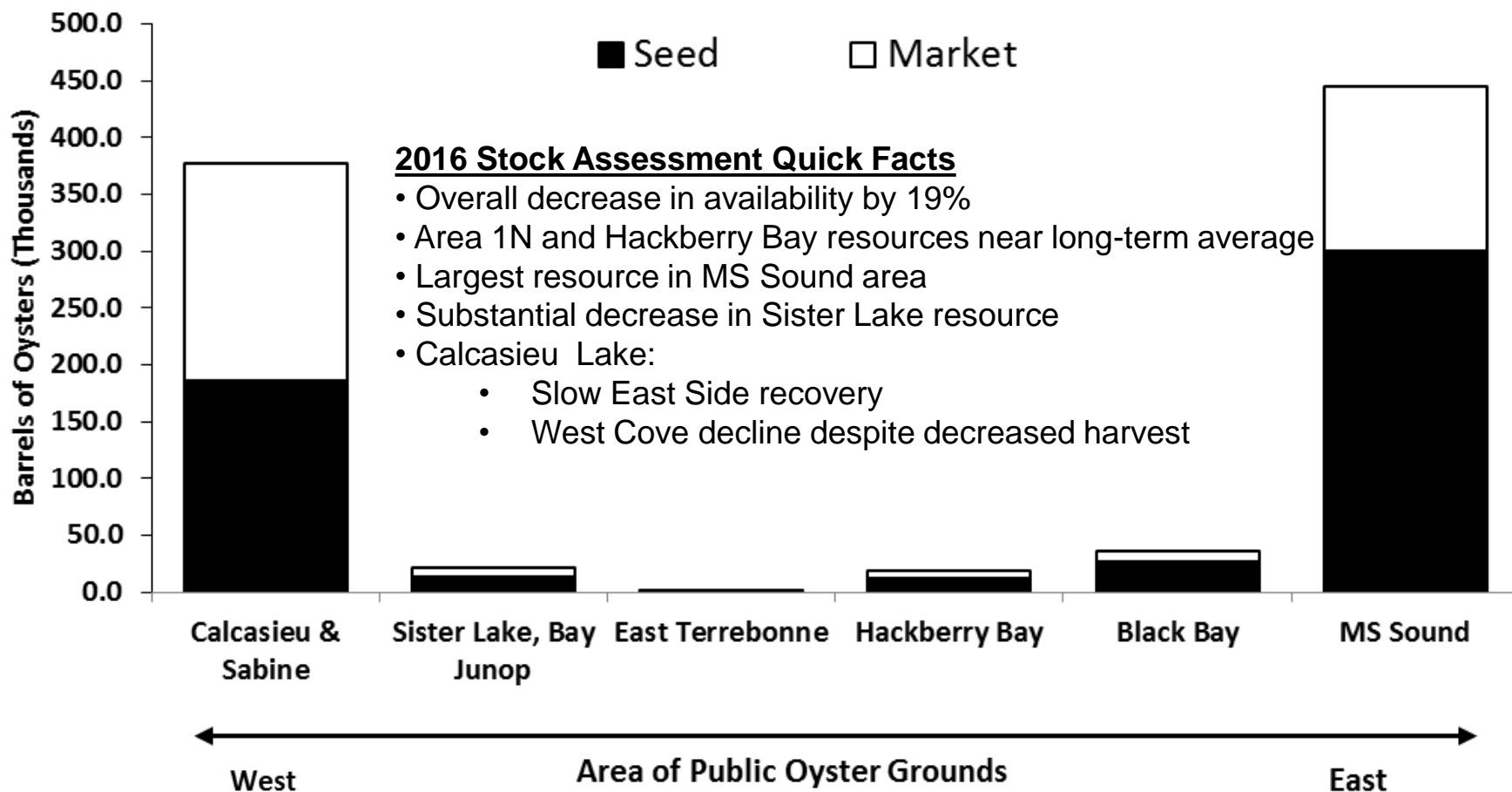
### Additional Facts:

- Added 2 stations: fleet observation/extra sampling
- Both East and West Side <20% long-term stock size
- Harvesting larger percent of resource despite decreased landings/stock size



PRELIMINARY DATA - SUBJECT TO CHANGE

# 2016 Statewide Oyster Availability



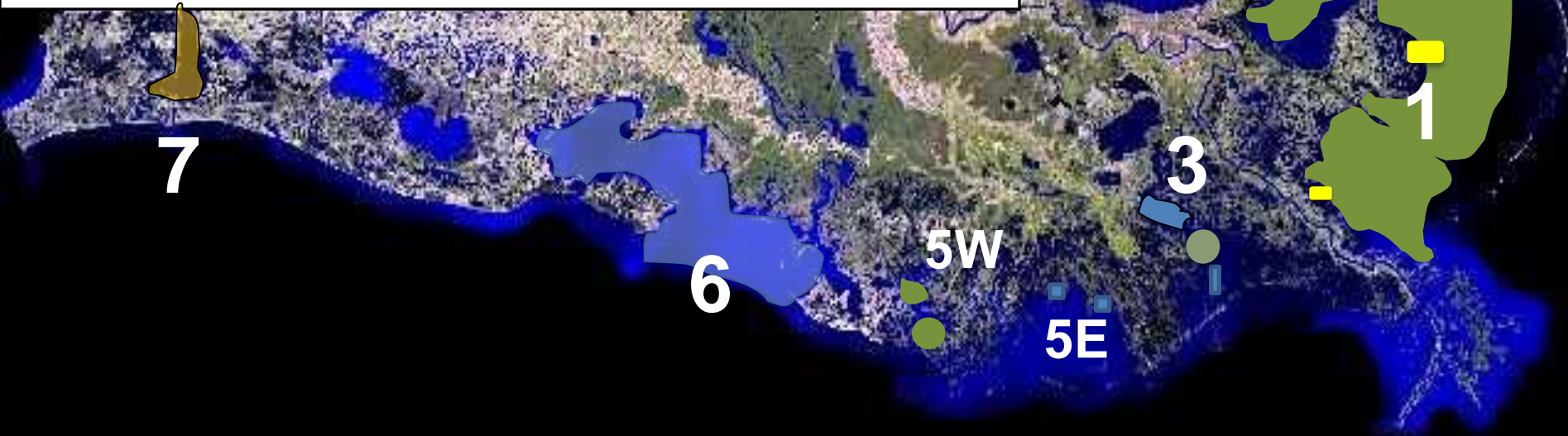
PRELIMINARY DATA - SUBJECT TO CHANGE

# Louisiana Public Oyster Areas

1N:	-Primary Public Grounds East of MS River, N of MRGO, Except Drum Bay (Sacking Only Area):	September 7 November 14
	-Reopen:	CLOSED
1S:	-Primary Public Grounds South of MRGO:	October 10
	-American Bay/Bay Long (Sacking Only Area):	CLOSED
3:	-Little Lake, Barataria Bay:	September 7 November 14
	-Hackberry Bay:	CLOSED
	-SACKING ONLY:	CLOSED
5E:	-Lake Tambour, Lake Chien, Lake Felicity, Deep Lake:	CLOSED
5W:	-Sister Lake:	CLOSED
	-Bay Junop & Lake Mechant:	September 7
6:	-Vermilion/Atchafalaya Bay Area:	September 7
7:	-Calcasieu Lake & Sabine Lake:	CLOSED

## \*\*\* SACK LIMITS\*\*\*\*

50 sacks per vessel per day, 50 sack possession limit, statewide  
Bedding/Cargo Vessels: no limit



## Preliminary 2016/2017 Season Recommendations

# 2016 Sacking-Only Areas (DRAFT)

